M

Development (1948) Department

MS SERIES.

G.O. No. 811

Dated 19-2-48

[Despatch Abstract.]

Agriculture - Grow More Food - Spare parts for petrol Pumpsets - purchase - Expenditure of Rs. 25,000/- Sanctioned.

GOVERNMENT OF MADRAS

Abstract.

AGRICULTURE - Grow More Food - Spare parts for petrol pumpsets - Purchase - Expenditure of Rs.25,000/- - Sanctioned.

DEVELOPMENT DEPARTMENT

G.O.Ms.No. 811 Dated 19th February, 194
Read the following:

G.O.Ms.1551 Development, dated 15-4-46.
Letter to the D.G. of I&S No. 24429 AIV/46-45 dated 7-3-47.
From theDirector of Agriculture S1-1835/47 dated 15-6-47 .
From the Director General of Industries and Supplies letter No.AP-8(42) dated 5/7th April , 1947.
Memo No. 24429 AIV/46-64 dated 8-7-47.
From the Director of Agriculture S1-1835/47 dated 22-7-47.

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ORDER:

Sanction is accorded to the ~~purpose~~ purchase by the Director of Agriculture of the spare parts for petrol pumpsets specified in the annexure to this order at a cost not exceeding Rs. 25,000/- (Rupees Twenty Five thousands onl (6750 dollars expressed in Indian Currency at Rs. 330 per 100 dollars)~~express~~ through the Dr. General of Industries and Supplies, in order to maintain at maximum efficiency about 618 petrol pumpsets purchased from America in 1946 and supplied to the agriculturists. The spare parts should be sold to ryots at flat rate of Rs. 3-12-0 for a dollar plus 50% towards import incidental charges etc., and withou loss to Government.

2. The expenditure will be debited to "40 Agri-f.Agrl. Engineering - 4.Contingencies - pumpsets and oil engines - Voted" The Accountant General is requested to admit the expenditure in audit pending provision of funds. The Director of Agriculture is requested to take steps to provide for the additional funds immediately.

3. The Director of Agriculture is also reques ted to arrange to get the necessary import licence from the Chief Controller of Imports, New Delhi.

(By order of His Excellency the Governor)

Sd.....
Secretary to Government.
16-2-48.

To
The Director of Agriculture.
The Accountant General through Finance.

/True copy/

for Superintendent,
Madras Record Office.

NG. 22.

3-4.

ANNEXURE
SPARE PARTS FOR PETROL ENGINES

BRIGGS AND STRATTON ENGINE MODELS

TYPES NUMBERS FROM 304750 and UP.-

Manufactured by Briggs and Stratton Corporation
Milwakkee. 1 Wisconsin U.S.A.

Master part No.	Name	Unites required.	Selling price each.	Total cost in Dollars.
	2	3	4	5
Cylinder Crank Case and Base (Group 1)		No	Dollars.	Dollars.
89572	Spark plugh with Gaskel	20	0.65	13.0
68563	Intake Valve 'Checked'	20	2.00	40.0
23631	Exhaust valve (Checked)	20	2.00	40.0
62222	Valve Spring cup	40	0.10	4.0
65906	Valve Spring	40	0.15	6.0
68293	Valve Spring G Retainer	40	0.10	4.0
68283	Valve spring Collar	40	0.10	4.0
9 0	Valve Tappet screw	40	0.05	2.0
90	Valve Tappet nut	40	0.05	2.0
62252	Valve Tappet washer	20	0.05	1.0
26279	Valve Tappet	40	0.75	30.0
69737	Cylinder head gasket	20	0.25	5.0
65237	Valve Cover Gasket	20	0.10	2.0
66477	Cylinder mounting gasket	20	0.10	2.0
66717	Crank case cover gasket	20	0.25	5.0
69740	Oil seal	20	1.50	30.0
99362	Oil Pump tube	20	0.65	13.0
68652	Spark plugh wrench	20	0.20	4.0
				207.0
Piston Connecting Rod. Grankshaft. Fly Wheel (Group II)				
99947	Standard Piston assembly	20	5.65	113.0
99948	0.010" oversize			
99949	Piston assembly 0.020" over size	20	5.65	113.0
99950	Piston assembly 0.030"over size.	20	5.65	113.0
69926	Piston Pin standard	20	0.50	10.0
29103	Piston Pin o.0005"oversize	20	0.60	12.0
69642	Connecting rod (Aluminum)	20	6.00	120.0
29604	V. Belt Pulley	20	0.75	15.0
69739	Ball bearing	20	5.50	110.0
63055	Key 2-3/8"long(Checked)	20	0-15	3.0
66403	Fly Wheel key	20	0.05	1.0
99225	Oil seal	20	1.75	35.0
23050	Bearing sleeve	20	0.60	12.0
62886	Oil seal washer	20	0.05	1.0
23051	Bearing sleeve locknut	20	0.10	2.0
61327	Rope starter pulley	20	3.25	65.0
29020	Fly Wheel puller	20	0.45	9.0
			Total.	734.0

		3	4	5
MAGNETO, BLOWER HOUSING AND CRANK STARTER.				
	(Group III)			
69835	Magneto assembly (Checked)	20	9.50	190.0
69780	Contact block assembly	20	0.65	13.0
69911	Magneto ~~plaer~~ Plate bearing	20	070	14.0
				217.0
CARBURETTOR AIR CLEANER, AND CONTROLS.				
	(Group IV)			
89920	Carburettor assembly checked.	20	10.0	200Ø.0
67247	Air cleaner gasket	20	0.10	2.0
				202.0
FUEL TANK, FILTER AND BLOWER HOUSING (GROUP.V)				
9910	Gas filter assembly	20	1.75	35.0
63377	Gas Line connector	1	35.0	
99396	Caoline line 13" long (Checked)	20	0.45	9.0
				44.0

Total cost 1404 dollars.

Sd. B.M.Lakshmipathi
for Director of Agriculture.

True copy /Forwarded/By order.

Sd.....
ASSISTANT AGRICULTURAL ENGINEER
4-10-47.

II WISCONSIN (AIRCOOLED) HEAVY DUTY ENGINE.
MODEL " BORE STROKE"
Manufactured by

WISCONSIN MOTOR CORPORATION. MILWAUKES 14. WISCONSIN.

Ref No.	Part No.	Description	No Required	Price each.	Total cost in dollars.
1	2	3	4	5	6
104	AE-73-C	Valve exhaust for AB engine beginning with 67159	120	0.86	103.2
104	AE-73-C-S.4	Exhaust valve.004 over size stem for A.B.engine	120	0.86	103.2
105	AE-73-N-S4	inlet valve 0.004" over size stem for AB engines	120	0.70	84.0
105	AE-73-N	Valveinlet for AB engines beginning with 67158	120	0.70	84.0
106	AF.43	Valve Springs	240	0.20	48.0
107	AG.26	Valve Spring Seat for AB and AK engines beginning 67159 and for all AKs engines	240	0.15	36.0
108	AH8	Valve Spring seat locks for A.B. and AK engines beginning with 67159 and for all AKS engines.	240	0.04	9.6
116.	DB.55.B.S.1	Connecting rod assembly for all AK and Aks engines and AB engines beginning with 65017 consisting of standard rod lock washer and 5/16-18 x 1 ¼ hexagonal head capscrew - Note Vide PP.G Catalogue	120	5.30	636.0
117	DB.177A	Piston	120	2.30	226.0
117	DB.177A-S5	0.005" oversize piston	120	2.30	276.0
117	DB.177A s.10.	0.010" oversize piston	120	2.30	276.0
					1932.0

PISTON RING SETS FOR AB ENGINES.

--	DR.2.	Standard piston ring set consisting of standard compressor ring standard scraper ring standard oil ring	120	0.90	108.0
--	DR.2 55	0-005" oversize piston ring set consisting of 0.005" oversize compression ring 0.005" oversize scraper ring 00,005" oversize oil ring.	120	0.90	108.0
--	DR. 2.S.10	0.010" oversize piton ring set consisting of 0.010 oversize compression ring 0.010 oversize scraper ring 0.10 oversize oil ring.	120	0.90	108.0
					324.0

1	2	3	4	5	6
Piston pins for AB engines					
121	DE.67	Standard Piston pin	120	0.40	48.0
121	DE.67	0.005" oversize pin	120	0.40	48.0
121	DE.67.S.10	9.010" oversize piston pin	120	0.40	48.0
124	FA 42	Valve tappers	240	0.22	52.8
128.	HG.156.1	Valve seat inset exhaust only for AB engines	120	0.34	40.8
133	H.26.2	Carburettor for AB engine	120	10.89	1306.8
143	PB-164	Special Screw for mounting magneto upper hole	120	.80	9.6
144.	PC-362	Special stud for mounting	220	0.31	37.2
145.	PC.368	Special stud for mounting carburettor	240	0.18	43.2
148	PE.57	Lockwasher for starting rope shave	120	0.03	3.6
155	PH.254	Main bearing oil seal cup	240	0.04	9.6
156.	PH. 256	Main bearing Oil seal cork	240	0.03	7.2
160.	PK.69	Piston Pin	240	0.03	7.2
161	PI.17	Woodruff Key for fly wheel	120	0.04	4.8
162	PL.21	Woodruff Key for crank shaft gear	120	0.03	3.6
166.	Qc.53	Casket for carburettor	120	0.03	3.6
167	QD.568-E	Casket for cylinger head for AB engines.	120	0.20	2.4
168	QD. 569-A	Casket for endinge base	120	0.03	10.8
169	QD. 570-A	Casket for magneto flango	120	0.03	3,6
170.	QD. 571	Casket for Governorshaft support bracket	120	0.03	3.6
171.	QD.572	Casket for valve tapper inspection plate	120	0.03	3.6
172.	DQ. 573	Casket for main bearing plate 0.006"thick take off end	600	0.03	18.0
173.	QD.573.A	Casket for main bearing plate 0.003" thick,take off end.	120	0.03	3,6
174.	QD.574	Casket for main bearing plate (Fly wheel end.)	120	0.03	3.6
174.	QD. 574	Casket for main bearing plate (fly wheel end)	120	0.03	3.6
177.	RP.902	Complete fuel line assembly with fittings	120	1.40	168.0
178.	RF.270	1/4" elbow for fuel line	240	0.12	28.8
178.	RF.1123	3/16 Elbow for fule line	240	0.12	28.8
179.	RQ. 22	Shut off cock with nut for 1/4" fuel line for AB engine	120	0.58	69.6
199.	WD.17 B	Muffler	120	0.66	79.2
205	YD 24	Spark plugh champion 8 for AB and AK engines	120	on request	
206.	YD.12	Spark plugh safety nipple	120	0.20	24.0
179	RG.35	Shut off cock for 3/16" tubing for AB engine.	120	0.44	52.8
					2217. 6
		Total.			

Total cost 44$3.6 Dollars.

Sd. B.M.Lakshmipathi
for Director of Agriculture.

/True copy/ Forwarded / By order.

P.T.O.

Sd. Assistant Agricultural Engineer. 4-10-47

Grand Total.

1.	Cost of spares required for 20 Briggs and Stratton engines..	£ 1404
2.	Cost of spares required for 120 Wisconsin engines.	£ 4473- 6
		5877- 6
⁄	By rounding to allow fluctuations in price	£ 600
3.	Packing and freight charges 1/8 of cost upto Indian Port	£ 750
	Grand total	£6750
4.	Expressed in Indian currency at Rs. 330 per 100 dollars.	22,275
5.	Freight and incidental charges in India.	2,725
	Grant total.	Rs. 25,000